

**MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME:** LP1508 LO TEMP REC. PHOS  
**PRODUCT CODE:** LP1508

**HMIS CODES:** H F R P  
 2 1 0 X

===== **SECTION I - MANUFACTURER IDENTIFICATION** =====

**MANUFACTURER'S NAME:** Riley Brothers  
**ADDRESS:** 860 Washington, Burlington, Iowa 52601  
**EMERGENCY PHONE:** 1-800-424-9300 **INFORMATION PHONE:** 319-753-0105  
**DATE REVISED :** 08-10-95 **NAME OF PREPARER :** RILEY PAINT COMPANY

===== **SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION** =====

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE		WEIGHT
		OSHA PEL	ACGIH TLV	OTHER	mm Hg @	TEMP	PERCENT
*PHOSPHORIC ACID/H3PO4	7664-38-2		1MG/M3		N/A		11
DIETHYLENE GLYCOL BUTYL ETHER/DB	112-34-5				0.1	68F	< 5.0%
*ALKYLOXYPOLYETHYLENEBOXYETHANOL	84133-50-6	0	0	0	0.0	68F	2

\* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

===== **SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS** =====

**BOILING POINT:** 212F **SPECIFIC GRAVITY (H2O=1):** 1.1  
**VAPOR DENSITY:** HEAVIER THAN AIR **EVAPORATION RATE:** SLOWER THAN ETHER  
**COATING V.O.C. :** 0.15 LB/GL ( 18 G/L)  
**MATERIAL V.O.C.:** 0.15 LB/GL ( 18 G/L)  
**SOLUBILITY IN WATER:** COMPLETE  
**APPEARANCE AND ODOR:** CLEAR LIQUID, SURFACTANT ODOR, pH=3.2-3.5

===== **SECTION IV - FIRE AND EXPLOSION HAZARD DATA** =====

**FLASH POINT:** N/A **METHOD USED:**  
**FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER:** N/A **UPPER:** N/A

**EXTINGUISHING MEDIA:** FOAM, CO2, DRY CHEMICAL

**SPECIAL FIREFIGHTING PROCEDURES**

Fire fighters should wear self-contained breathing apparatus in a positive pressure mode with a full face piece when there is a possibility of exposure to smoke fumes, or hazardous decomposition products.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

Use water spray to cool containers in fire area.

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SECTION V - REACTIVITY DATA  
=====**STABILITY: STABLE  
CONDITIONS TO AVOID**

Extreme hot or cold exposure.

**INCOMPATIBILITY (MATERIALS TO AVOID)**

Strongly alkaline materials.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

Oxides of carbon, phosphorous and nitrogen.

**HAZARDOUS POLYMERIZATION: WILL NOT OCCUR**=====  
SECTION VI - HEALTH HAZARD DATA  
=====**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Mild irritation of mucous membranes, burning sensation.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Eye burns and mild irritation of skin. Redness, burning sensation,tearing

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE****INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Burning sensation

**HEALTH HAZARDS (ACUTE AND CHRONIC)**

Acute-Eye burns, mild irritation of skin, and mucous membranes.  
mucous membranes and lungs.

Chronic-Eye burns, irritation to skin

**CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? YES**

N/A

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

May cause irritation of eyes, itching of skin, and coughing or sneezing.

**EMERGENCY AND FIRST AID PROCEDURES**

Eyes-Flush with plenty of water for at least 15 minutes and call a physician immediately.

Skin-Wash with plenty of water.

Inhalation-Seek fresh air. If irritation persists, call a physician.

Ingestion-Drink plenty of milk, egg

whites, gelatin or water and induce vomiting. Contact physician immediately.

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SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE  
=====**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Dike or contain. Recover as much as possible. Dry mop. Neutralize with alkaline material. Flush traces with plenty of water.

**WASTE DISPOSAL METHOD**

Neutralize with alkaline solution of soda ash or caustic soda to acceptable pH (6-9) and dispose of as regulated by federal, state, and local regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Wear all protective equipment when handling product. Keep container closed when not in use.

**OTHER PRECAUTIONS**

Use with adequate ventilation. Wash thoroughly after handling.

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SECTION VIII - CONTROL MEASURES  
=====**RESPIRATORY PROTECTION**

NIOSH/OSHA approved for vapor and nuisance mist.

**VENTILATION**

Local exhaust and Mechanical (General) are recommended.

**PROTECTIVE GLOVES**

Rubber gloves

**EYE PROTECTION**

Safety goggles or splash resistant face shield.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

Eye wash, protective rubber apron, rubber boots

**WORK/HYGIENIC PRACTICES**

Always wear protective equipment. Use as directed. Wash hands with soap thoroughly on a daily basis.

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SECTION IX - DISCLAIMER  
=====**DISCLAIMER**

We believe the information contained herein, including data, recommendations, and other items set forth are reliable, but they are given without warranty of any kind, expressed or implied, as to accuracy, completeness, dependability, or reliability.